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*J. Christmas*  
*(office file)*

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BRIEF COMMENTS ON DRAFT SOR FOR HARDENED  
LOW-FREQUENCY COMMUNICATIONS SYSTEM (U)

Classification Cancelled

or changed to

**CONFIDENTIAL**

AUTHORITY

AUTOMATIC DOWNGRADE

4

5-5-61

M-3181

Date

*Aug 10, 1964*

1. Any system planned for 1963 and beyond, with the functions proposed for this one, must serve the needs of national-level commanders, not merely those of CINCSAC or the Air Force. This SOR does recognize the role of the JCS by including the AJCC in the system, but some further considerations might well be introduced:

a. Could a National Emergency Command Post (e.g., the Northhampton) be tied into this system? If so, this should be mentioned. Would both receiving and sending be possible?

b. How could a National Airborne Command Post (e.g., a KC-135) be tied into the system? Would both receiving and sending be possible?

c. In what ways might this improve communications with Polaris submarines, including communications via relay points (e.g., ships)?

d. Could system be designed to support direct communications between national headquarters and missile control centers and bomber bases? If so, this might be an important design goal.

e. Could system contribute to control of overseas forces?

2. Currently one of the main vulnerabilities in the system is the possibility of blacking out communications to airborne bombers; could this system alleviate this problem, with receivers in bombers (e.g., some airborne bombers, or designated relay planes)?

DE:jc

4- DOWNGRADED AT 3 YEAR INTERVALS;  
DECLASSIFIED AFTER 12 YEARS.  
DOD DIR 5200.10

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